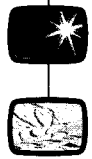


x1

User Instructions



The x1 with its self-explanatory functions is a very user-friendly avalanche transceiver using high technology and working with highest precision. The new digital-analog techniques controlled by a microprocessor largely avoid user faults due to stress.

- Shorter search time - even for less experienced persons
- Direct search path allows a considerably shorter rescue time
- Large range
- Three bright direction arrows show the right path
- The fast working microprocessor calculates the search direction, shows the distance, controls the volume and leads you directly to the destination
- The new search strategy for the x1 allows a fast location of several buried persons
- Safe, fast and foolproof quick switch from transmitting to receiving mode
- Easy quick emergency switch from receiving to transmitting mode according to the standard in case of further avalanches
- Comfortable one-strap system that cannot be lost thanks to the strap system
- The x1 is compatible with all avalanche transceivers thereby fulfilling the standard and surpassing the European standard EN 300718
- World-wide express service
- 5-year warranty on the x1

- 1 Visual arrows for search direction
- 2 Ear plug socket
- 3 Quartz-stabilized loudspeaker
- 4 Battery compartment
- 5 Transmitting position
- 6 Locking switch and emergency switch
- 7 Function control light
- 8 ON/OFF bayonet switch
- 9 Receiving position
- 10 Digital indication of distance

Technical Data

Functions: digital + analog (2 antenna)
 Casing: anatomically shaped, waterproof and secure against accidental knocks according to the European standard EN 300718
 Dimensions: 130 x 80 x 20 mm
 Transmitter and receiver frequency: 457 kHz
 Range: about 70 m
 Temperature range: -30° C to +50° C
 Batteries: 2 AA
 Working life:
 Transmitting time: approximately 300 hours
 Receiving time: approximately 40 hours
 Weight: approximately 270 g (batteries and body belt included)

NOTE: This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation.

INFORMATION TO USER: Intentional changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.



Plug-In and Function Test

Turn the switch into "transmitting mode" by plugging the bayonet joint into its socket. The function control light is flashing. The beacon is then switched on and transmitting.

Switching to Receiving Mode

For switching to search mode the locking switch must be unlocked by pushing the slider to the right and by turning the volume control switch to the left. The x1 is ready for receiving. It cannot be unintentionally switched over.



Search

The signal of the buried devices can now be heard via loudspeaker (the range is about 70 m).



Confirmation of the Right Direction

Around a 60 m distance from the buried person the green, middle LED flashes and confirms the right search direction.

Wrong Search Direction

When deviating from the correct search path, one of the red arrow lights flashes and leads the searcher to the right direction.

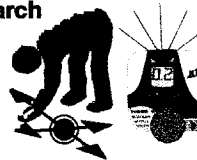


Confirmation of the Right Direction

When the searcher takes the right direction, then the green, middle LED flashes confirming the correct search path. In addition, the more you approach the buried person, the more the tone will be intense and fast, thus confirming the right direction.



Pinpoint Search



This equipment has been tested and found to comply with the limits for an intentional radiator pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the use is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

